UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,112	02/26/2002	Seijun Tanikawa	826.1797	3525

			EXAMINER
21171	7590	09/21/2005	TRAN, PHILIP B

STAAS & HALSEY LLP
SUITE 700
1201 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _28 June 2005_.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-16_ is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-16_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

   1.☐ Certified copies of the priority documents have been received.

   2.☐ Certified copies of the priority documents have been received in Application No. _____.

   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

Response to Request for Reconsideration

Notice to Applicant

1.   This communication is in response to the request for reconsideration filed 28

June 2005. Therefore, claims 1-16 are pending for further examination.

Claim Rejections - 35 U.S.C. § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the
United States before the invention thereof by the applicant for patent, or on an international application
by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this
title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act

of 1999 (AIPA) and the Intellectual Property and High Technology Technical

Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting

directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior

to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3.   Claims 1-16 are rejected under 35 U.S.C. § 102(e) as being anticipated by Stoltz

et al (Hereafter, Stoltz), European Patent Application No. EP-1043648 A2.

Regarding claim 1, Stoltz teaches an Internet appliance user management

system (= service server with session manager 206 and authentication manager 204)

[see Fig. 2] which is connected to an IA terminal (= network terminal 202) via a network, comprising:

an IA terminal user storing unit storing IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service (= authentication database 218 contains information such as userID, PIN, session ID) [see Fig. 2 and Paragraphs [0090-0091];

a transmission and receiving unit on the side of the IA terminal user management system, transmitting and receiving the user registration information to and from the IA terminal, and requests the IA terminal to input the user registration information (= input and output of service server with session manager 206 and authentication manager 204) [see Fig. 2];

a user registration information collation unit collating the user registration information received by the transmission and receiving unit on the side of the IA terminal user management system with the user registration information stored in the IA terminal user storing unit (= authentication manager 204 controls access to services/sessions and may remove/revoke or augment such access by working in connection with session manager 206 that manages services/sessions) [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]]; and

an automatic registration unit obtaining the user registration information which has not been collated by the user registration information collation unit from the IA terminal by means of the transmission and receiving unit on the side of the IA terminal

user management system and registering said information in the IA terminal user

storing unit (= each authentication module 240 is working in connection with

authentication manager 204 for configuring to authenticate a user based on a different

authentication mechanism such as using a smart card, using a login and password, or

using biometric data, etc) [see Abstract and Fig. 2 and Paragraphs [0089-0091]].

Regarding claim 2, Stoltz further teaches the IA terminal user management

system according to claim 1, wherein the transmission and receiving unit on the side of

the IA terminal user management system receives user registration information

including the IA terminal identifier from the IA terminal, the user registration information

collation unit collates the received user registration information with the user registration

information stored in the IA terminal user storing unit, the transmission and receiving

unit on the side of the IA terminal user management system transmits the collated result

to the IA terminal, the transmission and receiving unit on the side of the IA terminal user

management system receives additional user registration information which is not

included in the received user registration information from the IA terminal, and the

automatic registration unit registers the received additional user registration information

in the IA terminal user storing unit [see Abstract and Fig. 2 and Pages 9 &12].

Regarding claims 3-4, Stoltz further teaches the IA terminal user management

system, wherein the IA terminal user storing unit comprises a machine table which

stores the IA terminal identifier in association with a user identifier for identifying the

user, a subscriber table which stores the user identifier in association with a service

provider identifier for identifying the service provider who provides the service, and an

affinity table which stores the service provider identifier in association with the

registration procedure for registering the user determined by the service provider (=

format of records that include sessionID, serviceID, serviceHost, servicePort,

seesionLink, IPAddress, userID,PIN, code, identifier, etc) [see Pages 9-10 & 12-13].

Regarding claims 5-8, Stoltz further teaches the IA terminal user management

system, wherein the automatic registration unit erases the user registration information

stored in the IA terminal user storing unit (= dynamic session record indicates a user is

attached to/detached from the system and when a user is removed from the system

then the user's associated sessions are removed from the system and session

database) [see Abstract and Fig. 2 and Paragraphs [0058-0065]].

Regarding claim 9, Stoltz teaches the IA terminal which performs information

communication via a network, comprising:

a transmission and receiving unit on the side of the IA terminal, transmitting and

receiving IA terminal information including an IA terminal identifier for identifying the IA

terminal, service information including the kind of service to be received, and user

registration information including user information concerning the user who receives the

service to and from the IA terminal user management system which manages the IA

terminal via the network (= input and output of service server with session manager 206

and authentication manager 204 indicate who receives the services and who provides

the services) [see Fig. 2 and Pages 9 & 12]; and

an input unit inputting insufficient user registration information based on the

request of the IA terminal user management system whereas the transmission and

receiving unit on the IA terminal transmits the user registration information inputted by

the input unit to the IA terminal user management system (= authentication manager

204/authentication modules 240 are configured for controlling access to

services/sessions and may remove/revoke or augment such access by working in

connection with session manager 206 that manages services/sessions) [see Fig. 2 and

Paragraphs [0056-0059 and 0089-0093]].

Regarding claim 10, Stoltz further teaches the IA terminal according to claim 9,

wherein the transmission and receiving unit on the side of the IA terminal transmits user

registration information including the IA terminal identifier to the IA terminal user

management system, the transmission and receiving unit on the side of the IA terminal

receives the result of having collated the transmitted user registration information and

the user registration information stored in the IA terminal user storing unit with which the

IA terminal user management system is provided, the input unit inputs additional user

registration information which is not included in the received user registration

information, and the transmission and receiving unit on the side of the IA terminal

transmits the inputted additional user registration information to the IA terminal user

management system [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]].

Claim 11 is rejected under the same rationale set forth above to claim 1.

Claim 12 is rejected under the same rationale set forth above to claim 2.

Claim 13 is rejected under the same rationale set forth above to claim 9.

Claim 14 is rejected under the same rationale set forth above to claim 10.

Claim 15 is rejected under the same rationale set forth above to claim 1.

Claim 16 is rejected under the same rationale set forth above to claim 9.

Response to Arguments

4.   Applicant's arguments have been fully considered but they are not persuasive

because of the following reasons:

A. Applicant argued that Stoltz does not teach, disclose or suggest the claimed

embodiments of the present invention as recited in independent claim 1 [see Pages 8-

10 of the Remarks].

In response to applicant's argument, Stoltz teaches an Internet appliance user

management system. For example, Stoltz discloses a service server with session

manager 206 and authentication manager 204 [see Fig. 2] which is connected to an IA

terminal such as a network terminal 202 via a network, comprising an IA terminal user

storing unit storing IA terminal information including an IA terminal identifier for

identifying the IA terminal, service information including the kind of service to be

received, and user registration information including user information concerning the

user who receives the service. For example, authentication database 218 contains

information such as userID, PIN, session ID [see Fig. 2 and Paragraphs [0090-0091]

and identifier returned by network terminal 202 [see Paragraphs [0104-0105]]. In

addition, Stoltz teaches a transmission and receiving unit on the side of the IA terminal

user management system, transmitting and receiving the user registration information to

and from the IA terminal, and requests the IA terminal to input the user registration

information. For example, Stoltz discloses input and output of service server with

session manager 206 and authentication manager 204 [see Fig. 2].

Also, Stoltz further teaches a user registration information collation unit collating

the user registration information received by the transmission and receiving unit on the

side of the IA terminal user management system with the user registration information

stored in the IA terminal user storing unit. For example, Stoltz discloses an

authentication manager 204 that controls access to services/sessions and may

remove/revoke or augment such access by working in connection with session manager

206 that manages services/sessions [see Fig. 2 and Paragraphs [0056-0059 and 0089-

0093]]. Moreover, Stoltz further teaches an automatic registration unit obtaining the user

registration information which has not been collated by the user registration information

collation unit from the IA terminal by means of the transmission and receiving unit on

the side of the IA terminal user management system and registering said information in

the IA terminal user storing unit. For example, Stoltz discloses each authentication

module 240 is working in connection with authentication manager 204 for configuring to

authenticate a user based on a different authentication mechanism such as using a

smart card, using a login and password, or using biometric data, etc [see Abstract and

Fig. 2 and Paragraphs [0089-0091]].

In summary, Stoltz teaches or suggests the features recited in claim 1. The examiner maintains that other dependent claims 2-8 are rejected at least by virtue of their dependency on independent claim 1 and by other reasons set forth above.

B. Applicant argued that independent claim 9 contains features similar to those of claim 1 and independent claim 9 contains material patentably distinct from Stoltz [see Page 11 of the Remarks].

In response to applicant's argument, claim 9 is totally different from claim 1 and therefore cannot be treated the same or under the same rationale set forth above to claim 1. Stoltz teaches the IA terminal which performs information communication via a network comprising a transmission and receiving unit on the side of the IA terminal, transmitting and receiving IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service to and from the IA terminal user management system which manages the IA terminal via the network. For example, Stoltz discloses input and output of service server with session manager 206 and authentication manager 204 indicate who receives the services and who provides the services [see Fig. 2 and Pages 9 & 12].

In addition, Stoltz further teaches an input unit inputting insufficient user registration information based on the request of the IA terminal user management system whereas the transmission and receiving unit on the IA terminal transmits the

user registration information inputted by the input unit to the IA terminal user

management system. For example, Stoltz discloses authentication manager

204/authentication modules 240 are configured for controlling access to

services/sessions and may remove/revoke or augment such access by working in

connection with session manager 206 that manages services/sessions [see Fig. 2 and

Paragraphs [0056-0059 and 0089-0093]].

In summary, independent claim 9 does not contain material patentably distinct

from Stoltz. The examiner maintains that dependent claim 10 is rejected at least by

virtue of its dependency on independent claim 9 and by other reasons set forth above.

Other independent and dependent claims are rejected under the same rationale set

forth above to either independent claims 1 or 9 or dependent claims 2 or 10.

Therefore, the examiner asserts that the cited prior arts teach or suggest the

subject matter recited in independent claims. Dependent claims are rejected at least by

virtue of their dependency on independent claims and by other reasons set forth above.

Accordingly, claims 1-16 are respectfully rejected as shown above.
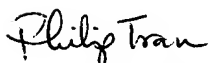
Conclusion

5.   THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CAR 1.136(a).

**A SHORTENED STATUTORY PERIOD FOR REPLY TO THIS FINAL ACTION
IS SET TO EXPIRE THREE MONTHS FROM THE MAILING DATE OF THIS ACTION.
IN THE EVENT A FIRST REPLY IS FILED WITHIN TWO MONTHS OF THE MAILING
DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED
UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY
PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE**

**DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE
PURSUANT TO 37 CAR 1.136(A) WILL BE CALCULATED FROM THE MAILING
DATE OF THE ADVISORY ACTION. IN NO EVENT, HOWEVER, WILL THE
STATUTORY PERIOD FOR REPLY EXPIRE LATER THAN SIX MONTHS FROM THE
MAILING DATE OF THIS FINAL ACTION.**

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Philip Tran whose telephone number is (571) 272-3991.

The Group fax phone number is (571) 273-8300. If attempts to reach the examiner by

telephone are unsuccessful, the examiner's supervisor, Saleh Najjar, can be reached on

(571) 272-4006.

7.   Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Philip B. Tran
Art Unit 2155
September 16, 2005